

**NJDOT Bureau of Research
QUARTERLY PROGRESS REPORT**

Project Title: Corrugated Steel Culvert Pipe Deterioration -Year II	
RFP Number: 2002 – 02	NJDOT Research Project Manager: Mr. Robert Sasor
Task Order Number/Study Number: TO-42	Principal Investigator: Meegoda, Jay N.
Project Starting Date: 1/1/2003	Period Starting Date: 7/01/2004
Original Project Ending Date: 12/31/2004	Period Ending Date: 9/30/2004
Modified Completion Date: 05/30/2005	

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
Phase I – Literature Search	9.5	0	100	9.5
Phase II – Task 1	6	0	100	6
Phase II – Task 2	6	0	100	6
Phase II – Task 3	6	5	100	6
Phase II – Task 4	6	0	100	6
Phase II – Task 5	6	0	100	6
Phase II – Task 6	9.5	5	45	4.275
Phase II – Task 7	6	10	10	0.6
Phase II – Task 8	15.0	10	10	1.5
Phase II – Task 9	15.0	5	45	6.75
Final Report	15.0	0	0	0
TOTAL	100 %			52.6 %

Project Objectives:

- (1) To develop a plan for implementing an effective, statewide, preventative maintenance program for CSCP so that pipe can be repaired and rehabilitated before failure occurs. In this way, instead of reacting to failures, NJDOT can be proactive in preventing failures.
- (2) To determine the best practice for using CSCP in new construction. In cases where it should not be used, recommend a type of pipe that can be used as a replacement.

Project Abstract:

- (1) To develop a plan for implementing an effective, statewide, preventative maintenance program for CSCP so that pipe can be repaired and rehabilitated before failure occurs. In this way, instead of reacting to failures, NJDOT can be proactive in preventing failures.
- (2) To determine the best practice for using CSCP in new construction. In cases where it should not be used, recommend a type of pipe that can be used as a replacement.

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1. Progress this quarter by task:

APPROXIMATELY 81%

Literature search, Phase II Tasks 1, 2, 3, 4, 5, 6 and 7 completed.

Approximately 10% of Phase II task 8 and 45% of Phase II task 9 are completed.

2. Proposed activities for next quarter by task:

Phase II Task 8 - Recommend a framework for developing an effective, statewide, preventative maintenance program for CSCP.

Phase II Task 9 - Determine the conditions for which CSCP should be used in new construction.

3. List of deliverables provided in this quarter by task (product date):

None.

4. Progress on implementation and training activities:

None

5. Problems/proposed solutions:

None

6. Budget summary:

Total Project Budget	\$282,766.00
Modified Contract Amount	\$0.00
Total Project Expenditure to date	\$125,000.00
% of Total Project Budget Expended	44.21%